

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

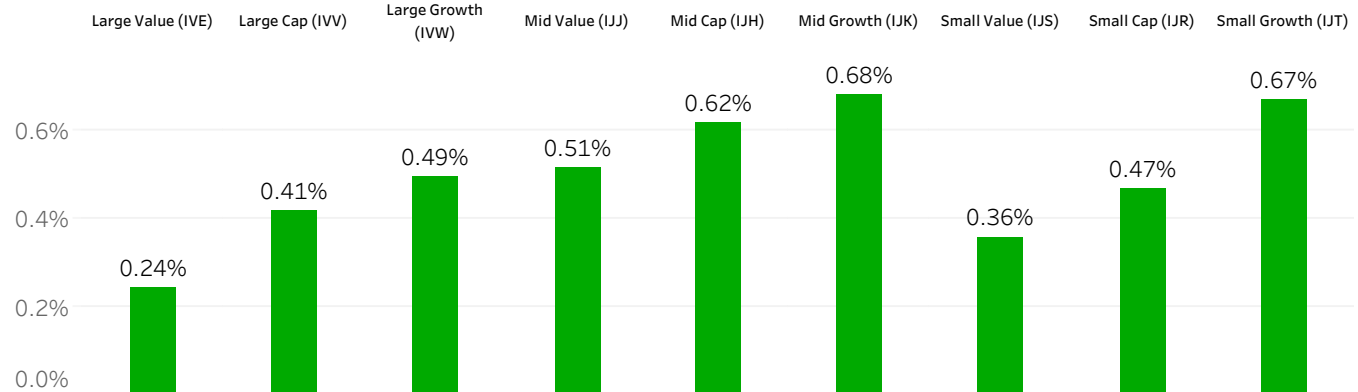


Small Cap Blend (S&P 600) IJR



■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
FDM	First Trust Dow Jones Select MicroCap Index Fund	1.17%
AVUV	Avantis U.S. Small Cap Value ETF	1.10%
QVAL	Alpha Architect US Quantitative Value ETF	0.95%
SYLD	Cambria Shareholder Yield ETF	0.95%
GRPM	Invesco S&P MidCap 400 GARP ETF	0.90%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	0.89%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	0.89%
SPGP	Invesco S&P 500 GARP ETF	0.88%
CALF	Pacer US Small Cap Cash Cows 100 ETF	0.88%
BFOR	ALPS Barron's 400 ETF	0.87%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	64.20
QVAL	Alpha Architect US Quantitative Value ETF	48.26
SIXS	ETC 6 Meridian Small Cap Equity ETF	44.47
SPVU	Invesco S&P 500 Enhanced Value ETF	43.68
USMV	iShares MSCI USA Min Vol Factor ETF	43.53
SYLD	Cambria Shareholder Yield ETF	42.62
SPMO	Invesco S&P 500 Momentum ETF	42.46
XSVM	Invesco S&P SmallCap Value with Momentum ETF	42.41
HDV	iShares Core High Dividend ETF	41.70
TMFM	Motley Fool Mid-Cap Growth ETF	41.57

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
SPLV	Invesco S&P 500 Low Volatility ETF	-0.22%
FDNR	Fidelity Dividend ETF for Rising Rates	-0.21%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.20%
RPHS	Regents Park Hedged Market Strategy ETF	-0.13%
ISCG	iShares Morningstar Small-Cap Growth ETF	-0.10%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.10%
ABEQ	Absolute Select Value ETF	-0.07%
DURA	VanEck Durable High Dividend ETF	-0.06%
SQEW	LeaderShares Equity Skew ETF	-0.06%
MOAT	VanEck Morningstar Wide Moat ETF	-0.05%

Size & Style Most Oversold

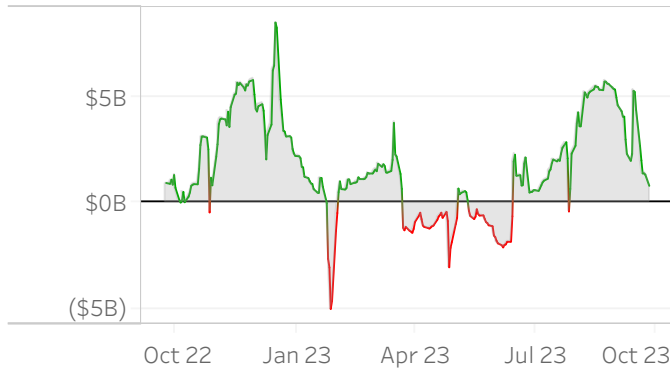
Ticker	Fund	Price
QQQN	VictoryShares Nasdaq Next 50 ETF	27.03
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	27.12
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	27.26
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	27.45
AIVL	WisdomTree U.S. AI Enhanced Value Fund	27.61
ISCG	iShares Morningstar Small-Cap Growth ETF	27.66
FYC	First Trust Small Cap Growth AlphaDEX Fund	27.67
LCG	Sterling Capital Focus Equity ETF	27.70
QQQJ	Invesco NASDAQ Next Gen 100 ETF	27.77
IWC	iShares Micro-Cap ETF	27.97

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta, Beta	26	\$1,417B	(\$0.08B)	\$38.35B	\$63.41B	\$80.17B
Large Cap, Beta, Beta: Growth	10	\$273B	\$0.66B	\$3.46B	\$6.26B	\$17.49B
Large Cap, Beta, Beta: Value	11	\$218B	(\$0.73B)	\$1.57B	(\$4.41B)	(\$4.76B)
Mid Cap, Beta, Beta	10	\$190B	(\$0.40B)	\$6.58B	\$6.74B	\$12.88B
Mid Cap, Beta, Beta: Growth	6	\$34B	(\$0.03B)	\$0.23B	\$0.88B	\$0.57B
Mid Cap, Beta, Beta: Value	6	\$38B	(\$0.07B)	(\$0.59B)	(\$1.31B)	(\$1.05B)
Small Cap, Beta, Beta	11	\$192B	\$0.35B	\$1.97B	\$4.21B	\$9.99B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.10B)	\$0.22B	\$0.48B	\$1.08B
Small Cap, Beta, Beta: Value	7	\$47B	(\$0.16B)	(\$0.24B)	(\$1.45B)	(\$0.25B)

U.S. Size & Style Flow Leaders

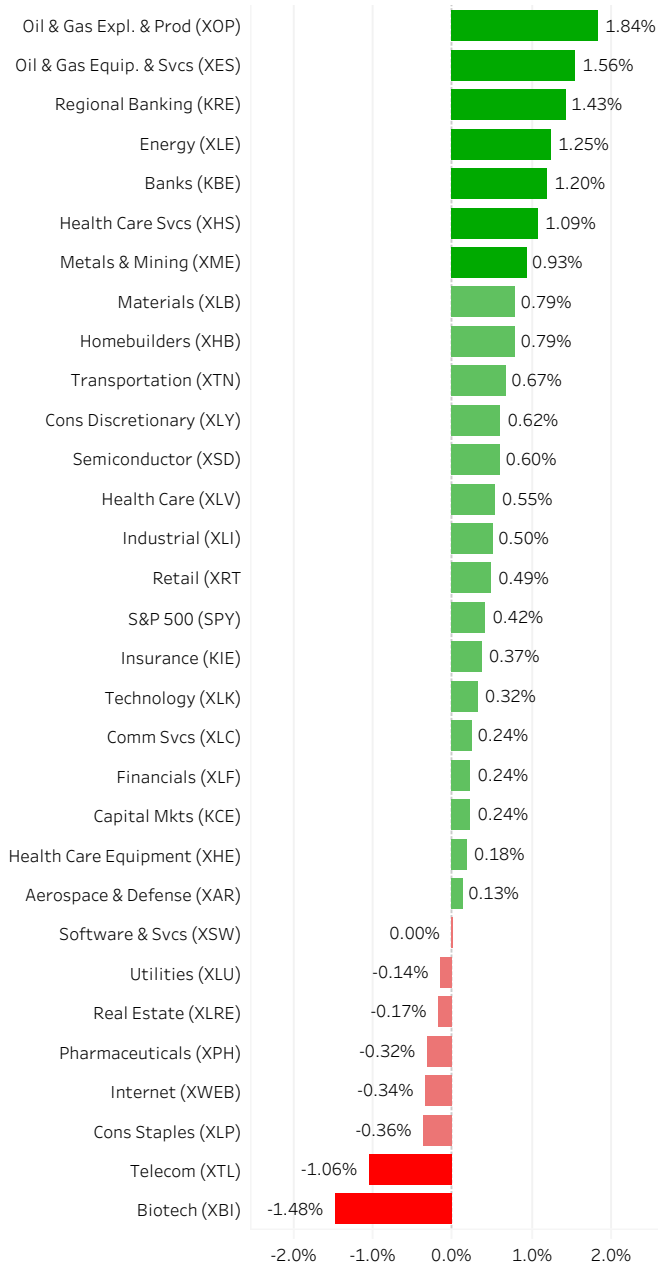
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.06B	\$16.02B	\$25.72B	\$33.72B	\$326.94B
IWF	iShares Russell 1000 Growth ETF	\$0.92B	(\$0.05B)	\$0.24B	(\$0.25B)	\$69.60B
IWM	iShares Russell 2000 ETF	\$0.63B	(\$1.40B)	(\$1.31B)	(\$0.28B)	\$50.70B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.28B	\$4.34B	\$7.17B	\$10.10B	\$40.82B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.20B	\$1.94B	\$3.42B	\$4.92B	\$5.48B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.16B	(\$0.32B)	(\$0.15B)	(\$0.69B)	\$28.98B
SPY	SPDR S&P 500 ETF Trust	\$0.15B	(\$5.06B)	\$7.20B	\$9.03B	\$401.32B
IWS	iShares Russell Mid-Cap Value ETF	\$0.15B	(\$0.03B)	(\$0.30B)	(\$0.67B)	\$12.24B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.14B	(\$0.60B)	(\$0.78B)	(\$1.09B)	\$28.40B
COWZ	Pacer US Cash Cows 100 ETF	\$0.14B	\$1.25B	\$1.50B	\$6.55B	\$14.79B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$1.12B)	\$17.52B	\$19.17B	\$19.39B	\$338.68B
IWD	iShares Russell 1000 Value ETF	(\$0.69B)	(\$1.09B)	(\$2.31B)	(\$4.62B)	\$48.93B
VO	Vanguard Mid-Cap ETF	(\$0.50B)	\$0.69B	\$0.81B	\$2.16B	\$52.35B
QQQ	Invesco QQQ Trust Series I	(\$0.50B)	\$6.35B	\$3.58B	\$3.83B	\$197.13B
VTI	Vanguard Total Stock Market ETF	(\$0.48B)	\$5.49B	\$10.81B	\$20.99B	\$305.67B
VUG	Vanguard Growth ETF	(\$0.34B)	(\$0.08B)	\$0.17B	\$4.01B	\$89.38B
VB	Vanguard Small-Cap ETF	(\$0.25B)	\$0.92B	\$0.85B	\$2.23B	\$43.49B
VOE	Vanguard Mid-Cap Value ETF	(\$0.21B)	(\$0.41B)	(\$0.42B)	(\$0.15B)	\$15.25B
VTV	Vanguard Value ETF	(\$0.17B)	\$1.48B	(\$2.74B)	(\$2.96B)	\$99.43B
VBR	Vanguard Small Cap Value ETF	(\$0.12B)	\$0.28B	(\$0.05B)	\$1.08B	\$24.12B

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLE	Energy Select Sector SPDR Fund	-3.88%	18.07%	2.26%	6.66%	52.22
XLC	Communication Services Select Sector SPDR Fund	-4.40%	44.86%	-1.72%	9.76%	41.74
SPY	SPDR S&P 500 ETF Trust	-5.58%	21.22%	-3.18%	3.08%	34.93
XLV	Health Care Select Sector SPDR Fund	-6.60%	7.39%	-1.98%	-0.87%	39.83
XLI	Industrial Select Sector SPDR Fund	-7.63%	20.72%	-4.73%	-0.30%	30.66
XLB	Materials Select Sector SPDR Fund	-7.85%	15.86%	-4.20%	-2.26%	34.60
XLK	Technology Select Sector SPDR Fund	-8.50%	41.51%	-4.02%	7.06%	36.52
XLY	Consumer Discretionary Select Sector SPDR Fund	-8.50%	28.24%	-4.33%	5.20%	36.27
XLF	Financial Select Sector SPDR Fund	-8.81%	11.39%	-2.60%	-0.68%	36.81
XLP	Consumer Staples Select Sector SPDR Fund	-9.82%	5.10%	-4.70%	-5.49%	29.65
XLU	Utilities Select Sector SPDR Fund	-13.03%	2.73%	-1.95%	-5.50%	44.27
XLRE	Real Estate Select Sector SPDR Fund	-17.50%	2.19%	-6.73%	-7.94%	26.64

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FCG	First Trust Natural Gas ETF	2.08%
PSCE	Invesco S&P SmallCap Energy ETF	2.03%
PXI	Invesco Dorsey Wright Energy Momentum ETF	1.85%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.84%
KBWR	Invesco KBW Regional Banking ETF	1.78%
PXE	Invesco Energy Exploration & Production ETF	1.78%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.67%
FTXN	First Trust Nasdaq Oil & Gas ETF	1.56%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	1.56%
IEZ	iShares U.S. Oil Equipment & Services ETF	1.49%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KBWP	Invesco KBW Property & Casualty Insurance ETF	63.90
AMLP	Alerian MLP ETF	63.79
IAK	iShares U.S. Insurance ETF	63.20
BIZD	VanEck BDC Income ETF	60.73
MLPA	Global X MLP ETF	60.55
KIE	SPDR S&P Insurance ETF	60.31
IHF	iShares U.S. Healthcare Providers ETF	57.78
VDE	Vanguard Energy ETF	54.36
XES	SPDR S&P Oil & Gas Equipment & Services ETF	54.32
ENFR	Alerian Energy Infrastructure ETF	53.94

Sector & Industry 1 Day Performance Laggards

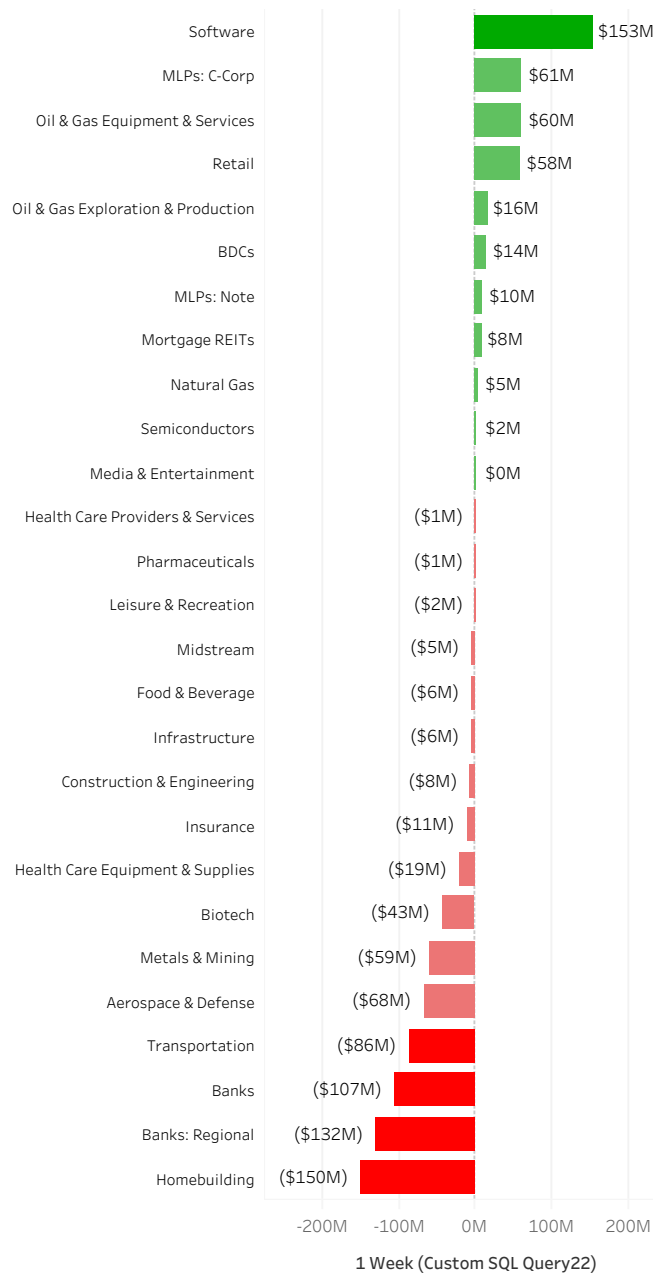
Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	-1.48%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-1.22%
XTL	SPDR S&P Telecom ETF	-1.06%
MORT	VanEck Mortgage REIT Income ETF	-0.86%
REM	iShares Mortgage Real Estate ETF	-0.73%
IYZ	iShares U.S. Telecommunications ETF	-0.69%
FTXG	First Trust Nasdaq Food & Beverage ETF	-0.50%
NETL	NETLease Corporate Real Estate ETF	-0.45%
VDC	Vanguard Consumer Staples ETF	-0.44%
INDS	Pacer Industrial Real Estate ETF	-0.42%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XBI	SPDR S&P BIOTECH ETF	20.72
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	21.20
XHE	SPDR S&P Health Care Equipment ETF	22.05
SZNE	Pacer CFRA-StoVal Equal Weight Seasonal Rotation ETF	22.67
PSCH	Invesco S&P SmallCap Health Care ETF	23.24
PEJ	Invesco Leisure and Entertainment ETF	23.72
XAR	SPDR S&P Aerospace & Defense ETF	23.84
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	23.87
XPH	SPDR S&P Pharmaceuticals ETF	24.12
FTXG	First Trust Nasdaq Food & Beverage ETF	25.17

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U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$18B	(\$134M)	\$734M	\$2,710M	\$2,800M
Consumer Discretionary	12	\$27B	\$125M	\$1,947M	\$3,401M	\$3,059M
Consumer Staples	10	\$28B	(\$29M)	(\$849M)	(\$483M)	\$882M
Energy	31	\$74B	\$271M	\$2,218M	(\$4,361M)	(\$6,804M)
Financials	26	\$55B	(\$881M)	(\$2,156M)	(\$1,877M)	(\$782M)
Health Care	23	\$86B	(\$237M)	(\$2,391M)	(\$2,846M)	(\$3,562M)
Industrial	13	\$33B	(\$56M)	\$1,166M	\$846M	\$2,639M
Materials	9	\$12B	(\$301M)	(\$586M)	(\$1,938M)	(\$1,756M)
Multi-Sector	18	\$18B	(\$177M)	\$1,204M	\$2,571M	\$2,233M
Real Estate	25	\$52B	(\$57M)	\$536M	(\$1,266M)	(\$3,803M)
Technology	23	\$145B	(\$22M)	\$1,081M	\$1,219M	\$3,698M
Utilities	9	\$23B	(\$12M)	(\$690M)	(\$237M)	(\$1,256M)

U.S. Sector & Industry Flow Leaders

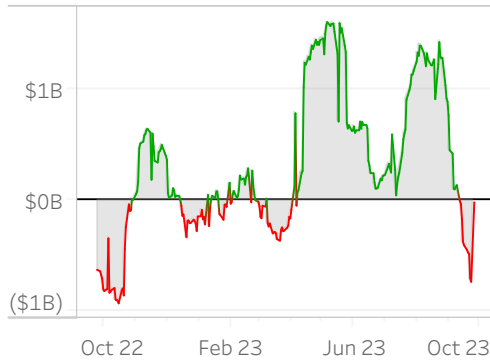
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$169M	\$1,296M	(\$2,280M)	(\$2,384M)	\$38,126M
IGV	iShares Expanded Tech-Software Sector ETF	\$155M	\$49M	\$388M	\$1,218M	\$6,405M
KCE	SPDR S&P Capital Markets ETF	\$101M	\$175M	\$200M	\$204M	\$320M
XLI	Industrial Select Sector SPDR Fund	\$99M	\$816M	\$748M	\$700M	\$14,745M
XBI	SPDR S&P BIOTECH ETF	\$92M	\$79M	(\$753M)	(\$538M)	\$5,708M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$92M	\$1,485M	\$2,351M	\$1,801M	\$17,993M
AMLP	Alerian MLP ETF	\$64M	\$230M	\$108M	\$89M	\$7,123M
XRT	SPDR S&P Retail ETF	\$58M	\$105M	\$81M	\$160M	\$407M
IEZ	iShares U.S. Oil Equipment & Services ETF	\$54M	\$107M	(\$11M)	\$108M	\$325M
XLP	Consumer Staples Select Sector SPDR Fund	\$54M	\$216M	\$579M	\$1,566M	\$16,765M

U.S. Sector & Industry Flow Laggards

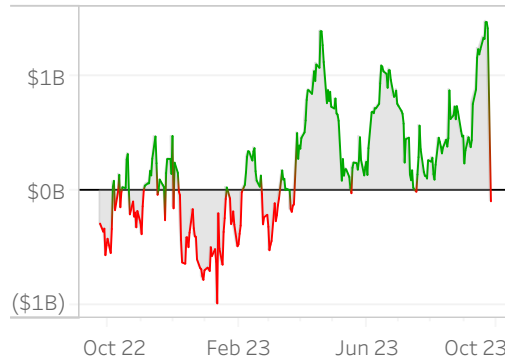
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$748M)	(\$2,134M)	(\$826M)	(\$98M)	\$30,875M
XLK	Technology Select Sector SPDR Fund	(\$237M)	\$791M	(\$181M)	(\$1,401M)	\$47,438M
XLB	Materials Select Sector SPDR Fund	(\$222M)	(\$373M)	(\$143M)	(\$364M)	\$5,164M
XLV	Health Care Select Sector SPDR Fund	(\$157M)	(\$1,435M)	(\$173M)	(\$550M)	\$38,747M
XLC	Communication Services Select Sector SPDR Fu..	(\$136M)	\$356M	\$2,339M	\$2,538M	\$13,404M
KRE	SPDR S&P Regional Banking ETF	(\$132M)	(\$375M)	\$151M	\$577M	\$2,683M
IBB	iShares Biotechnology ETF	(\$124M)	(\$508M)	(\$695M)	(\$796M)	\$7,113M
VNQ	Vanguard Real Estate ETF	(\$94M)	\$531M	(\$673M)	(\$1,902M)	\$30,400M
IYT	iShares US Transportation ETF	(\$83M)	\$62M	\$121M	\$113M	\$949M
XHB	SPDR S&P Homebuilders ETF	(\$81M)	(\$51M)	(\$10M)	\$67M	\$1,202M

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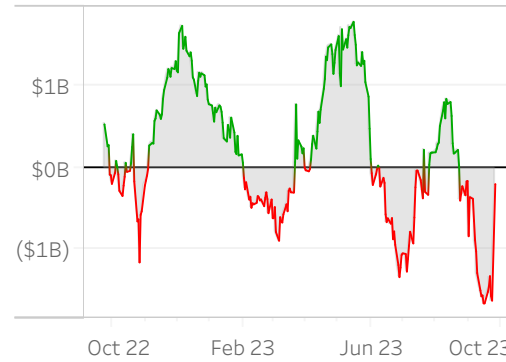
Communication Services



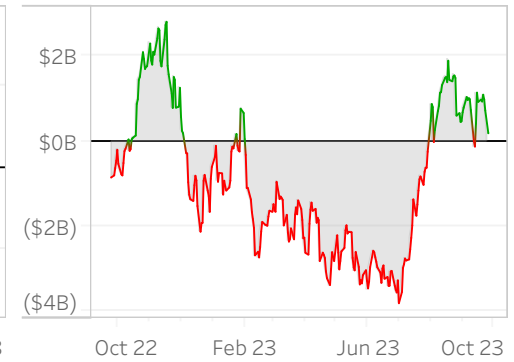
Consumer Discretionary



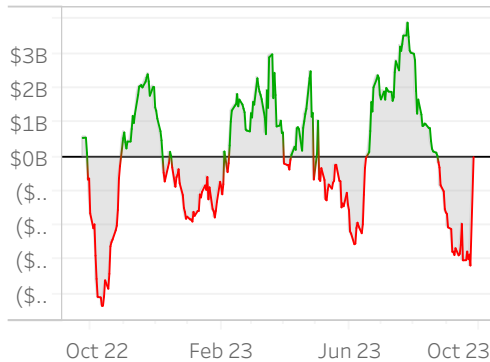
Consumer Staples



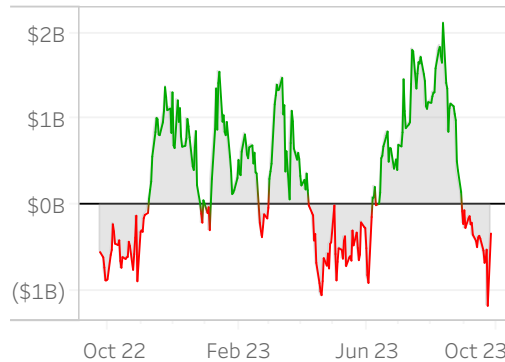
Energy



Financials



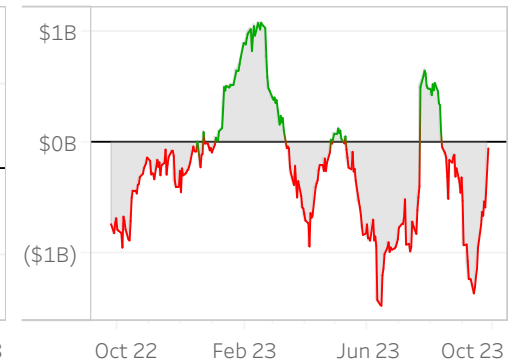
Industrial



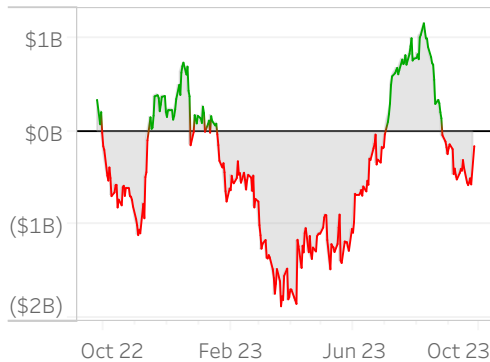
Health Care



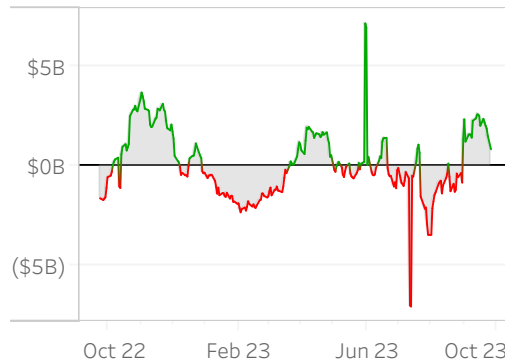
Materials



Real Estate



Technology



Utilities

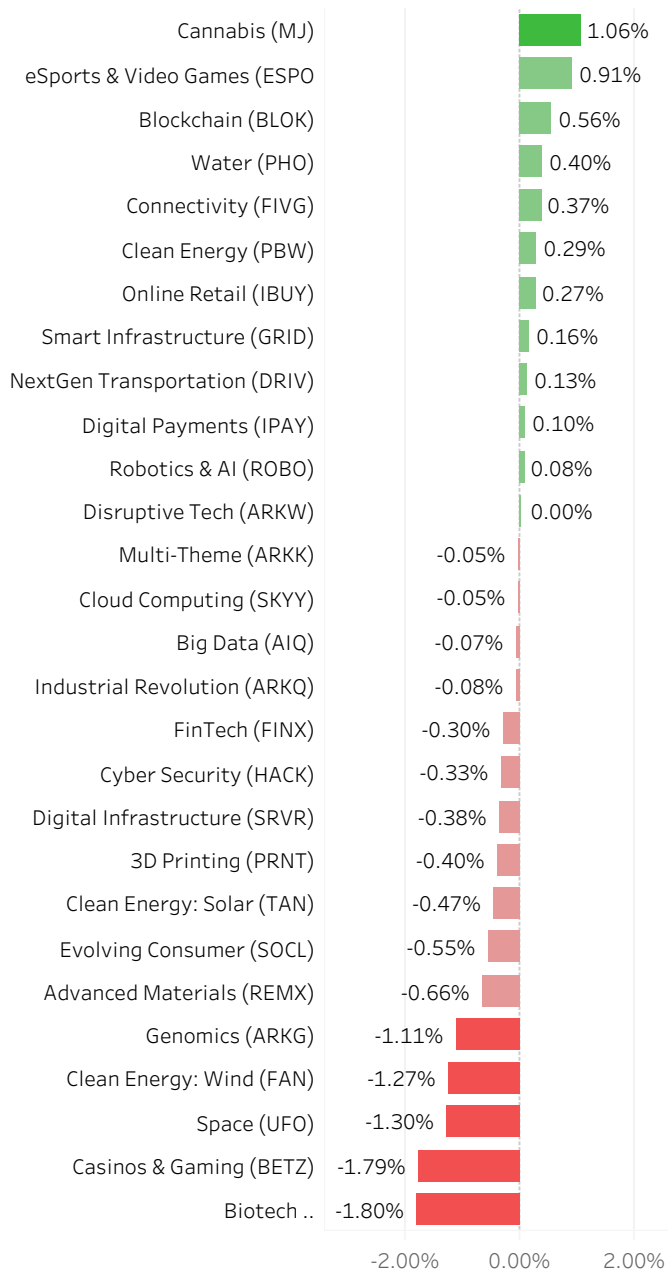


Multi-Sector

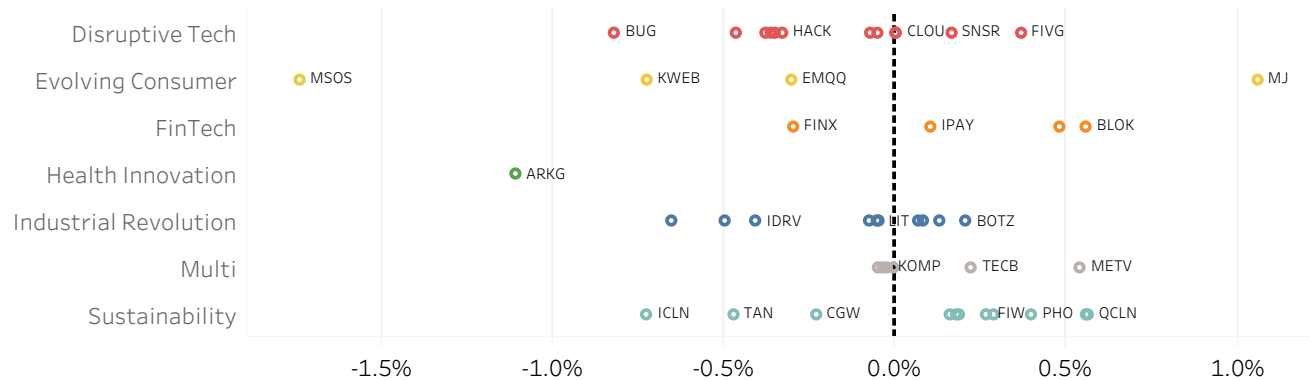


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ONLN	ProShares Online Retail ETF	1.70%
MJ	ETFMG Alternative Harvest ETF	1.06%
ESPO	VanEck Video Gaming and eSports ETF	0.91%
EBIZ	Global X E-Commerce ETF	0.90%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	0.56%
ACES	ALPS Clean Energy ETF	0.56%
BLOK	Amplify Transformational Data Sharing ETF	0.56%
METV	Roundhill Ball Metaverse ETF	0.54%
ARKF	ARK Fintech Innovation ETF	0.48%
BITQ	Bitwise Crypto Industry Innovators ETF	0.46%

Thematic Most Overbought

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	56.48
MJUS	ETFMG U.S. Alternative Harvest ETF	54.01
MJ	ETFMG Alternative Harvest ETF	52.62
KWEB	KraneShares CSI China Internet ETF	43.99
IHAK	iShares Cybersecurity & Tech ETF	42.78
BUG	Global X Cybersecurity ETF	42.67
HACK	ETFMG Prime Cyber Security ETF	41.97
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	39.82
CIBR	First Trust NASDAQ Cybersecurity ETF	39.61
SOCL	Global X Social Media ETF	38.13

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BJK	VanEck Gaming ETF	-2.24%
SBIO	ALPS Medical Breakthroughs ETF	-1.80%
BETZ	Roundhill Sports Betting & iGaming ETF	-1.79%
MSOS	AdvisorShares Pure US Cannabis ETF	-1.74%
BATT	Amplify Lithium & Battery Technology ETF	-1.65%
CTEC	Global X CleanTech ETF	-1.61%
PBD	Invesco Global Clean Energy ETF	-1.28%
FAN	First Trust Global Wind Energy ETF	-1.27%
SMOG	VanEck Low Carbon Energy ETF	-1.23%
RNRG	Global X Renewable Energy Producers ETF	-1.14%

Thematic Most Oversold

Ticker	Fund	Price
EDOC	Global X Telemedicine & Digital Health ETF Registered	17.36
PAWZ	ProShares Pet Care ETF	18.64
SBIO	ALPS Medical Breakthroughs ETF	20.70
HTEC	ROBO Global Healthcare Technology and Innovation ETF	20.77
ARKG	ARK Genomic Revolution ETF	22.00
GNOM	Global X Genomics & Biotechnology ETF	22.14
BETZ	Roundhill Sports Betting & iGaming ETF	23.02
IDNA	iShares Genomics Immunology and Healthcare ETF	23.98
GDOC	Goldman Sachs Future Health Care Equity ETF	24.03
SRVR	Pacer Data & Infrastructure Real Estate ETF	24.26

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIO	Global X Artificial Intelligence & Technology ETF	\$7M
ARKG	ARK Genomic Revolution ETF	\$7M
ACES	ALPS Clean Energy ETF	\$6M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M
PBW	Invesco WilderHill Clean Energy ETF	\$3M
TARK	AXS 2X Innovation ETF	\$3M
THNQ	ROBO Global Artificial Intelligence ETF	\$3M
FMIL	Fidelity New Millennium ETF	\$2M
PHO	Invesco Water Resources ETF	\$2M
INQQ	India Internet & Ecommerce ETF	\$1M

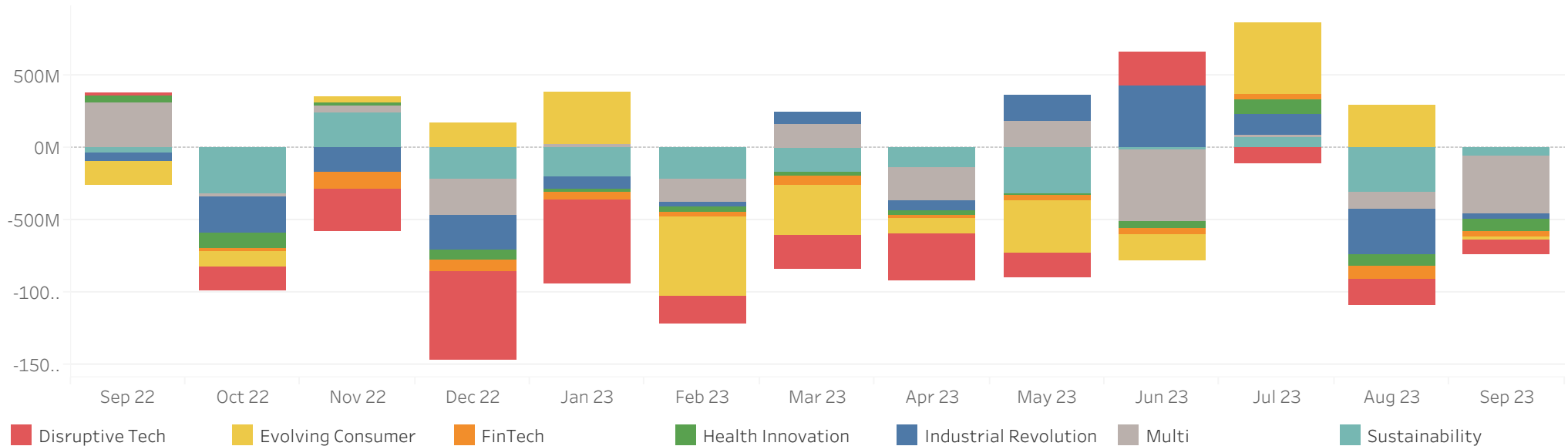
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$171M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$18M)
SKYY	First Trust Cloud Computing ETF	(\$15M)
ESPO	VanEck Video Gaming and eSports ETF	(\$10M)
WCLD	WisdomTree Cloud Computing Fund	(\$10M)
BUG	Global X Cybersecurity ETF	(\$9M)
HTEC	ROBO Global Healthcare Technology and Innovation ETF	(\$8M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$7M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$7M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$16B	(\$55M)	(\$422M)	(\$706M)	(\$2,716M)
Evolving Consumer	40	\$9B	(\$19M)	\$734M	\$128M	(\$471M)
FinTech	17	\$2B	(\$1M)	(\$104M)	(\$194M)	(\$544M)
Health Innovation	18	\$3B	(\$5M)	(\$45M)	(\$203M)	(\$395M)
Industrial Revolution	30	\$10B	(\$16M)	(\$209M)	\$394M	(\$409M)
Multi	38	\$13B	(\$169M)	(\$457M)	(\$955M)	(\$957M)
Sustainability	40	\$14B	(\$15M)	(\$319M)	(\$820M)	(\$1,700M)
Grand Total	217	\$67B	(\$281M)	(\$821M)	(\$2,356M)	(\$7,192M)

Thematic Monthly Flows

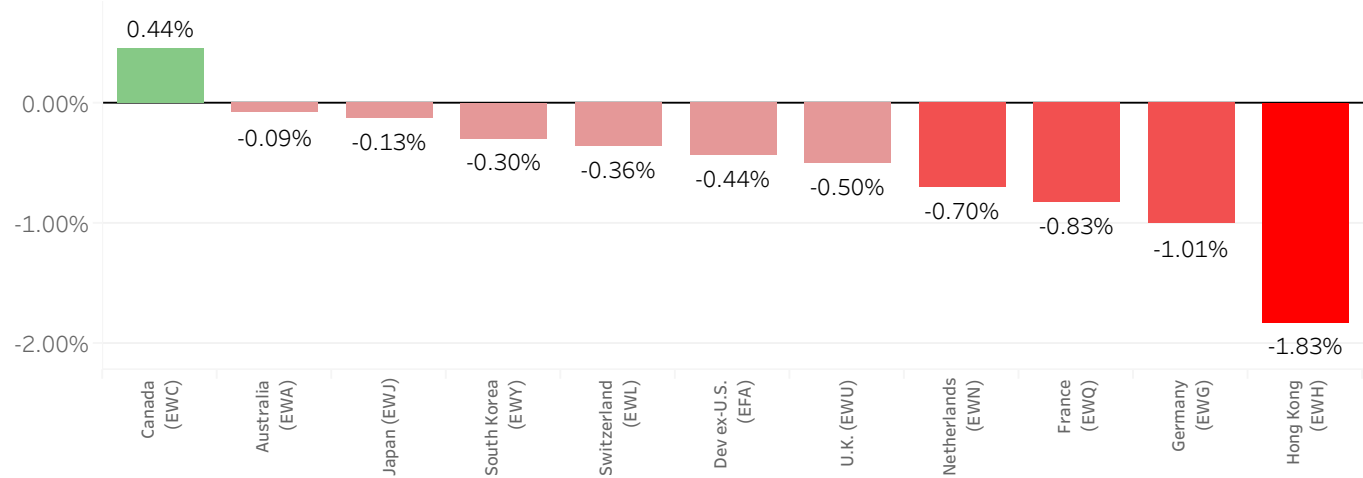


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

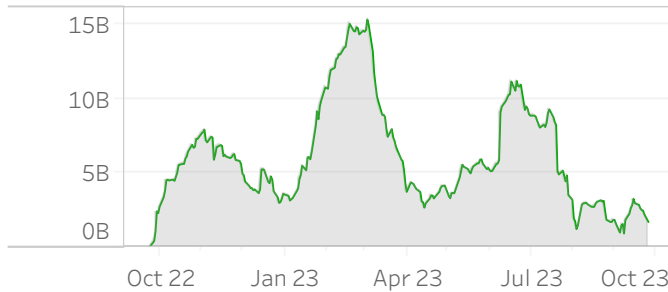
Developed ex-U.S. (EFA)



Developed ex-U.S. 1-Day Performance Top 10 Countries



Developed ex-U.S. 30-Day Rolling Flows



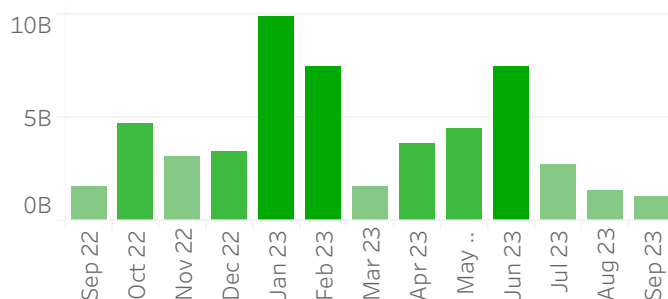
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	0.83%
EWD	iShares MSCI Sweden ETF	0.62%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.58%
ENZL	iShares MSCI New Zealand ETF	0.54%
EWC	iShares MSCI Canada ETF	0.44%
BBCA	JPMorgan BetaBuilders Canada ETF	0.34%
FLCA	Franklin FTSE Canada ETF	0.29%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.27%
SCJ	iShares MSCI Japan Small-Cap ETF	0.23%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.20%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DXJ	WisdomTree Japan Hedged Equity Fund	62.64
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	62.56
EWJV	iShares MSCI Japan Value ETF	58.17
FLJH	Franklin FTSE Japan Hedged ETF	57.24
HEWJ	iShares Currency Hedged MSCI Japan ETF	57.15
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	57.00
FJP	First Trust Japan AlphaDEX Fund	56.64
DFJ	WisdomTree Japan SmallCap Dividend Fund	53.64
LVHI	Franklin International Low Volatility High Dividend Index ..	52.12
IVAL	Alpha Architect International Quantitative Value ETF	51.82

Developed ex-U.S. Monthly Flows



Developed ex-U.S. 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	-1.83%
DAX	Global X DAX Germany ETF	-1.30%
FDD	First Trust Stoxx European Select Dividend Index Fund	-1.25%
EWP	iShares MSCI Spain ETF	-1.15%
EWO	iShares MSCI Austria ETF	-1.08%
DFE	WisdomTree Europe SmallCap Dividend Fund	-1.01%
EWG	iShares MSCI Germany ETF	-1.01%
FEZ	SPDR EURO STOXX 50 ETF	-0.94%
NORW	Global X MSCI Norway ETF	-0.94%
EZU	iShares MSCI Eurozone ETF	-0.93%

Developed ex-U.S. Most Oversold

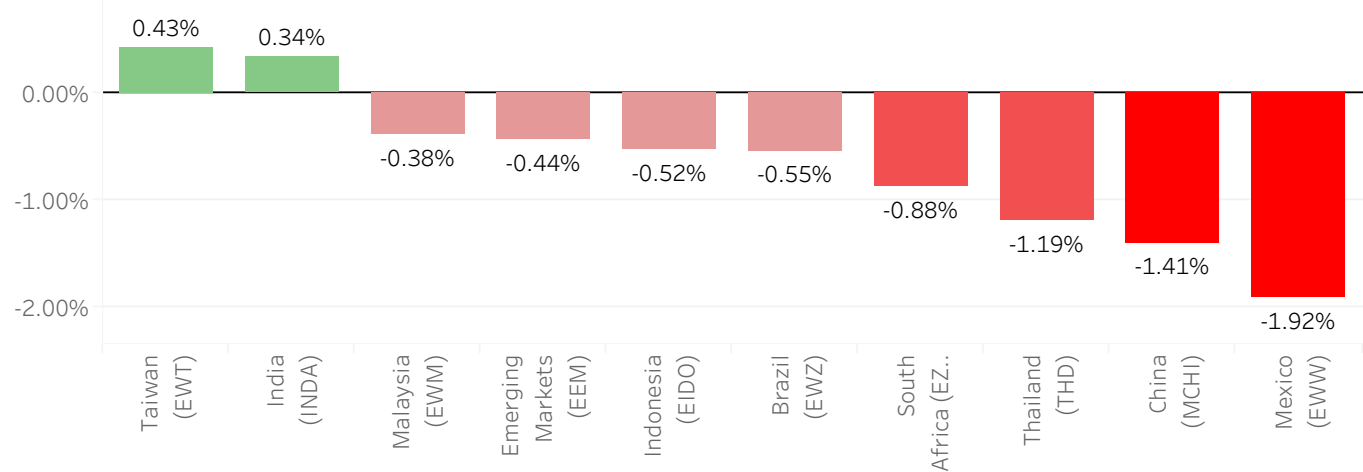
Ticker	Fund	Price
EWN	iShares MSCI Netherlands ETF	24.26
BKCI	BNY Mellon Concentrated International ETF	26.36
FSZ	First Trust Switzerland AlphaDEX Fund	27.68
DAX	Global X DAX Germany ETF	28.28
EFG	iShares MSCI EAFE Growth ETF	28.50
FICS	First Trust International Developed Capital Strengt..	28.98
EFAD	ProShares MSCI EAFE Dividend Growers ETF	29.11
IQDG	WisdomTree International Quality Dividend Growth ..	29.89
DFE	WisdomTree Europe SmallCap Dividend Fund	29.96
EWG	iShares MSCI Germany ETF	30.38

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

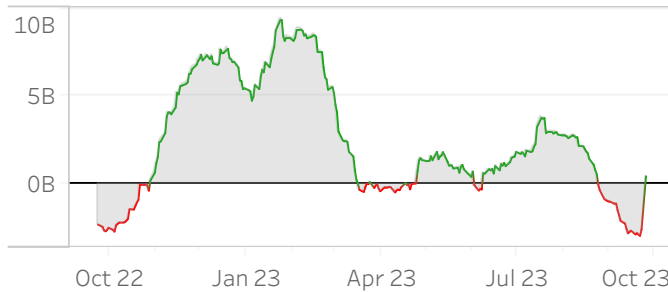
Emerging (EEM)



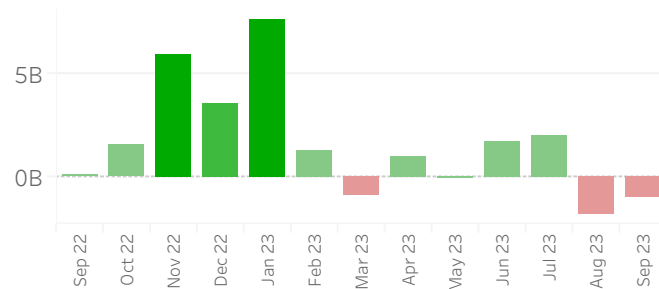
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	3.43%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	0.75%
SMIN	iShares MSCI India Small Cap ETF	0.67%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.62%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.60%
PIN	Invesco India ETF	0.59%
EPI	WisdomTree India Earnings Fund	0.46%
EPHE	iShares MSCI Philippines ETF	0.46%
FLIN	Franklin FTSE India ETF	0.44%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E.	0.43%

Emerging Most Overbought

Ticker	Fund	Value
TUR	iShares MSCI Turkey ETF	61.46
GLIN	VanEck India Growth Leaders ETF	53.84
NFTY	First Trust India NIFTY 50 Equal Weight ETF	53.30
EPI	WisdomTree India Earnings Fund	52.55
FLIN	Franklin FTSE India ETF	52.22
INDA	iShares MSCI India ETF	51.99
SMIN	iShares MSCI India Small Cap ETF	51.97
DVYE	iShares Emerging Markets Dividend ETF	50.72
PIN	Invesco India ETF	49.87
INDY	iShares India 50 ETF	48.96

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWW	iShares MSCI Mexico ETF	-1.92%
FLCH	Franklin FTSE China ETF	-1.67%
FXI	iShares China Large-Cap ETF	-1.55%
MCHI	iShares MSCI China ETF	-1.41%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.35%
DVYE	iShares Emerging Markets Dividend ETF	-1.31%
GXC	SPDR S&P China ETF	-1.28%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.26%
FLN	First Trust Latin America AlphaDEX Fund	-1.23%
THD	iShares MSCI Thailand ETF	-1.19%

Emerging Most Oversold

Ticker	Fund	Value
ECH	iShares MSCI Chile ETF	27.00
FM	iShares Frontier and Select EM ETF	27.07
KSA	iShares MSCI Saudi Arabia ETF	27.12
KWT	iShares MSCI Kuwait ETF	27.48
VNM	VanEck Vietnam ETF	28.24
FRDM	Freedom 100 Emerging Markets ETF	29.88
ARGT	Global X MSCI Argentina ETF	30.90
MEM	Matthews Emerging Markets Equity Active ETF	31.40
EPOL	iShares MSCI Poland ETF	32.30
EPU	iShares MSCI Peru and Global Exposure ETF	32.49

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



■ 200 Day Moving Average
 ■ 50 Day Moving Average
 ■ Closing Price

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.79%	-1.37%	-0.75%
SHY	1-3 Year Treasury Bonds	-0.04%	0.18%	1.49%
IEF	7-10 Year Treasury Bonds	-0.74%	-1.81%	-2.41%
TLT	20+ Year Treasury Bonds	-2.46%	-6.06%	-8.49%
TIP	TIPS Bonds	-0.76%	-1.21%	-0.57%
FLOT	Floating Rate Bonds	0.00%	0.54%	4.80%
LQD	Investment Grade Corporate	-0.97%	-1.68%	0.17%
HYG	High Yield Corporate	-0.14%	-0.49%	4.39%
BKLN	Senior Loan	-0.10%	1.00%	9.21%
PFF	Preferred & Income Securities	-0.28%	0.55%	3.42%
MUB	Municipal Bonds	-0.73%	-1.51%	-0.47%
MBB	MBS	-1.04%	-1.68%	-1.74%
EMB	Dollar Denominated EM Bonds	-0.57%	-1.41%	1.78%
LEMB	Local Currency EM Bond	-0.69%	-3.25%	1.30%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.64%	0.50%	-3.65%
DBE	Energy	-0.46%	5.68%	4.15%
USO	WTI Crude Oil	-0.30%	10.96%	14.66%
BNO	Brent Crude Oil	-0.19%	11.08%	13.12%
UNG	Natural Gas	0.60%	-1.75%	-52.20%
UGA	Gasoline	-0.93%	-3.15%	17.35%
DBP	Precious Metals	-0.72%	-0.86%	2.56%
GLD	Gold	-0.52%	0.05%	4.75%
SLV	Silver	-1.76%	-4.59%	-3.72%
PPLT	abrdn Physical Platin..	-1.65%	-3.49%	-15.22%
PALL	abrdn Physical Palla..	-1.19%	0.58%	-31.04%
DBB	Base Metals	-0.32%	2.26%	-4.52%
CPER	Copper	-0.48%	-2.19%	-1.56%
DBA	Agriculture	-0.50%	0.60%	7.94%
CORN	Corn	1.14%	-0.36%	-17.53%
SOYB	Soybeans	0.40%	-4.20%	-3.96%
WEAT	Wheat	1.55%	-4.07%	-26.19%
CANE	Sugar	-2.19%	5.74%	54.56%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.37%	2.17%	6.58%
UDN	Short Dollar	-0.38%	-1.39%	-0.59%
FXE	Euro	-0.42%	-1.79%	0.02%
FXB	British Pound Sterling	-0.23%	-2.73%	3.11%
FXF	Swiss Franc	-0.54%	-3.06%	1.09%
FXJ	Japanese Yen	-0.30%	-1.78%	-12.22%
FXC	Canadian Dollar	0.23%	1.30%	2.17%
FXA	Australian Dollar	-0.26%	0.28%	-4.92%

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